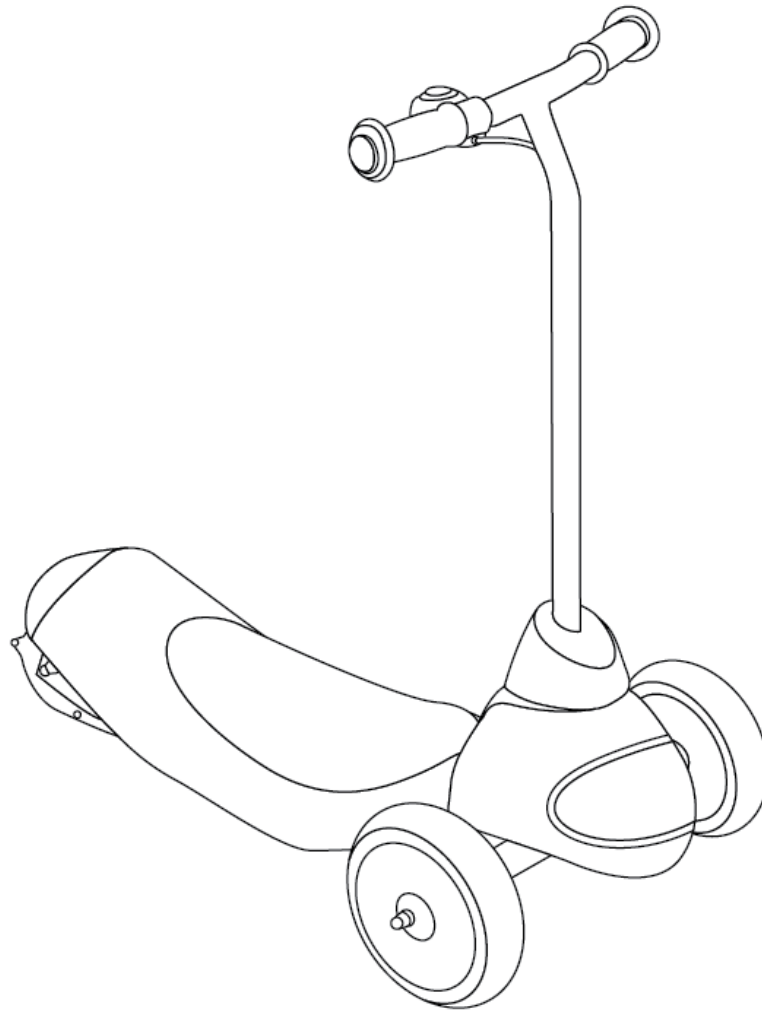




**PULSE
PERFORMANCE
PRODUCTS**



SAFE START ELECTRIC SCOOTER OWNER'S MANUAL

FOR USE WITH THE FOLLOWING PULSE PERFORMANCE PRODUCTS™ SCOOTERS

- **SAFE START ELECTRIC SCOOTER**

**DO NOT RETURN TO STORE! QUESTIONS OR COMMENTS?
CALL (866)-434-6067**

NOTE: Manual illustrations are for reference purposes only. Illustrations may not reflect the exact appearance of the actual product. Specifications are subject to change without notice.

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Safety and Warnings

⚠ WARNING: Riding an electric scooter can be a dangerous activity. Certain conditions may cause components to fail without fault of the manufacturer. Scooter can and is intended to move and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such a thing does occur you can become seriously injured or die, even when using safety equipment and other safety precautions. RIDE AT YOUR OWN RISK AND ALWAYS USE COMMON SENSE.

This manual contains many warnings and cautions concerning the consequences of failing to inspect, maintain or properly use your electric scooter. Since any incident can result in serious injury or even death, we do not repeat the warning of possible serious injury or death each time such a possibility is mentioned in this manual.

APPROPRIATE RIDING ATTIRE

Always wear proper protective equipment such as:

- Approved safety helmet. (Helmet may be legally required by local law or regulation in your area.)
- Elbow pads and knees pads
- Long sleeved shirt, long pants
- Gloves
- Lace up shoes with rubber soles, never ride barefooted or in sandals, and insure that shoelaces are tied and kept out of the way of the wheels and drive system.

RIDER USE AND PARENTAL SUPERVISION

RIDER MUST NOT EXCEED THE WEIGHT LIMIT OF 50 pounds (22 kg). Rider weight does not always mean a person's size is appropriate to fit or maintain control of the scooter.

This manual contains extremely important safety information. It is your responsibility to completely review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that all riders are able to safely and responsibly use this scooter. Pulse Performance Products™ advises that you periodically review and reinforce all information in this manual with all riders, and that you inspect and maintain your scooter to insure their safety.

The recommended rider age is 3 and older. Any rider that is unable to fit comfortably on the scooter should never attempt to ride it. A parent's decision to allow their child to use scooter should be based

on the child's maturity, skill and their ability to follow rules.

This scooter is intended for use only by persons who are, at a minimum, completely competent and comfortable while operating this product.

⚠ WARNING:

RIDING PRACTICES AND CONDITIONS

Read the instruction carefully and assemble the scooter accordingly prior to use.

This scooter must be assembled by an adult!

Special care should be taken to instruct children in safely riding this scooter.

Check and secure all fasteners before every ride.

To reduce the risk of injury, CHILDREN MUST BE SUPERVISED BY AN ADULT WHILE RIDING THIS SCOOTER.

Ride on smooth, level paved surfaced away from motor vehicles. Do not ride on streets or roadways.

Be sure the rider keeps both hands on the handlebars for proper control.

Do not allow the rider to wear anything that obstructs hearing, visibility or function.

Do not allow the scooter to be operated on or near slopped driveways, alleys, hills, ditches, swimming pool areas, near steps, sand, gravel, dirt, leaves or any other hazardous area.

Avoid sharp bumps, drainage grates and sudden surface changes which may cause scooter to be suddenly stopped.

Do not ride at night or times of limited visibility.

Obey all local traffic and scooter riding laws and regulations.

Do not use scooter in public lanes

Use protection equipment: helmet, gloves, kneepads, and elbow pads.

Be cautious when using the product, as it requires much skill in order to avoid accidents brought about by falls or collisions by the users or third parties.

Do not touch the motor when in use or directly after use as it can become very hot.

Keep your finger and other body parts away from the motor, gear, wheels and all other moving components. Do not use the scooter in wet weather. Never ride on it through water, and never immerse it in water; electrical and drive could be damaged by water or create other possible unsafe conditions.

For safety use, it is not suitable for children under 3 years.

Safety and Warnings

User weight more than 50lbs may damage the scooter.

Be sure the rider keeps both hands on the handlebars and stand on the center of the deck at all times while riding.

Only use the battery specified by the manufacturer.

Only use the charger specified by the manufacturer.

Check and obey any local laws or regulations which may affect the locations where the electric scooter may be used.

Do not activate the go button unless you are on the scooter and in a safe environment that is suitable for riding.

Do not attempt or perform stunts or tricks on this electric scooter. This product is not made to withstand abuse from jumping, curb grinding or any other type of misuse or stunts.

Never allow more than one person at a time to ride the scooter.

Never use near steps, water, or swimming pools.

Never ride while using a cell phone or wearing headphones.

Never hitch on to or with another vehicle or pull anyone or anything.

Never immerse the scooter in water; electrical and drive components could be damaged by water or create other possible unsafe conditions.

Ride only on flat, dry surfaces such as pavement or level ground without loose debris, such as sand, leaves, rocks or gravel. Water, mud, ice, bumpy, uneven, slick, or rough surfaces could impair traction and contribute to possible loss of control. Avoid excessive speeds that can occur from downhill rides which could cause loss of control. Do not ride at night or in areas of limited visibility.

Before each ride the following checks will need to be performed to the scooter:

- That all components are properly secured and are functioning according to manufactures specifications.
- Components shall be maintained and repaired in accordance with the manufacturers authorized replacement parts with installation performed by dealers or other skilled individuals.

USING THE BATTERY CHARGER

The battery charger should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, if any is found, the scooter should not be charged until the battery charger has been repaired or replaced.

Use only with the supplied recommended battery charger.

Always use caution when charging.

The battery charger is not a toy and should be operated by an adult.

Never operate battery charger near flammable materials or liquids.

Disconnect the battery charger and unplug from scooter when not in use.

Do not exceed recommended charging time.

Always disconnect the battery charger from the scooter prior to wiping down and cleaning with any liquid.

FAILURE TO HEED TO THE WARNINGS LISTED ABOVE INCREASES RISK OF POTENTIAL SERIOUS INJURY. USE THE APPROPRIATE CAUTION WHEN RIDING AND ALWAYS WEAR PROTECTIVE GEAR.

THERMAL FUSE

This product is equipped with a built in thermal fuse that will activate if the motor is overloaded. This self-resetting fuse will automatically reduce power to the motor when it becomes overloaded. Overloading of the fuse can occur from any one or a combination of the following:

- Rider exceeds the maximum weight limit
- Riding up steep inclines
- Running into fixed Objects
- Pulling or towing anything behind the scooter

⚠ WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Before You Start

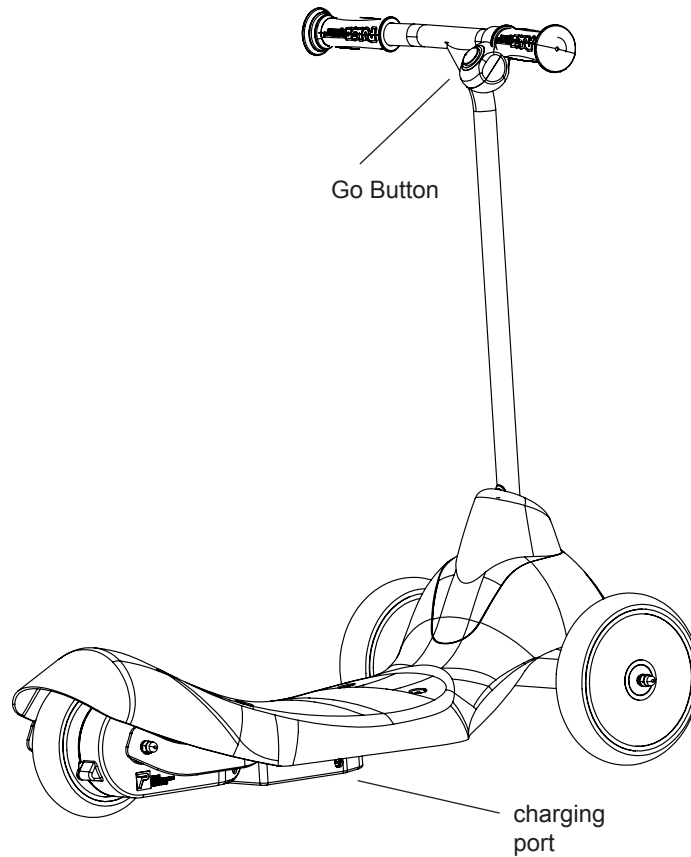
⚠ WARNING: This scooter must be assembled by an adult! Remove all packing and items from the display box.

Estimated Assembly Time

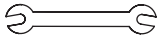
- Allow up to 20 minutes for assembly, not including initial charge time.
- Allow up to 10 hours for the initial charge (see page 6 for charging information).



battery charger
(included)



Required Tools



10mm wrench
(included)



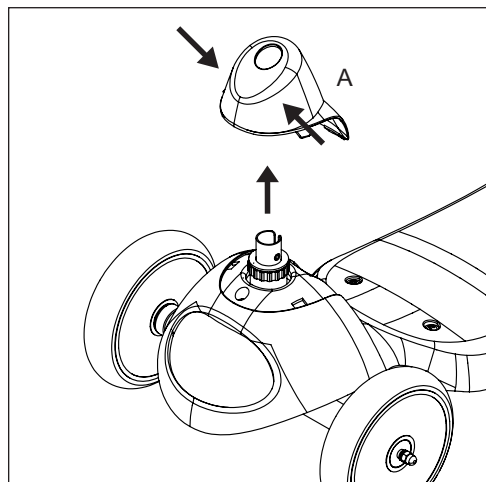
5mm hex wrench
(included)

⚠ WARNING: DO NOT USE NON-PULSE PERFORMANCE PRODUCTS™ WITH YOUR PULSE PERFORMANCE PRODUCTS™ ELECTRIC SCOOTER. This scooter has been built to specific Pulse Performance Products™ design specifications and should not be modified. Altering of the original components may or may not be compatible with the design and will void the warranty.

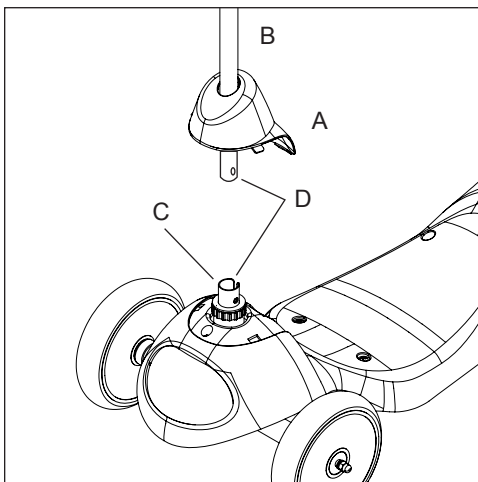
Assembly

Handlebar Steer Tube Assembly

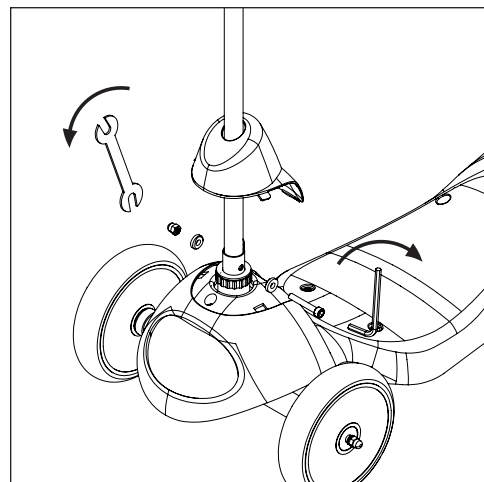
Tools required: 5mm hex wrench, 10mm wrench



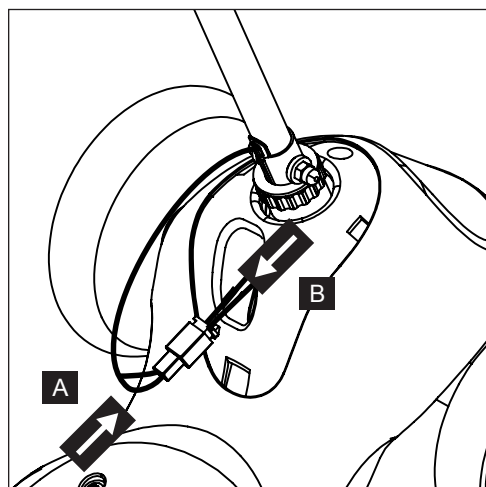
1. Remove deck cap cover (A) by squeezing sides together and removing tabs from deck slots.



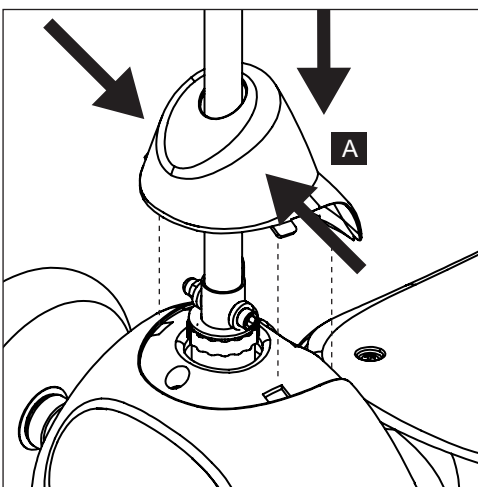
2. Slide deck cap cover (A) onto stem tube (B). Insert stem tube (B) into steer tube (C) and align holes (D).



3. Install bolt hardware into steer/stem tube hole and tighten securely with the supplied 10mm wrench and 5mm hex wrench.



4. Connect wire plug "A" to wire plug "B".



5. Slide deck cap cover (A) down onto deck and insert the 3 tabs into the deck slots.

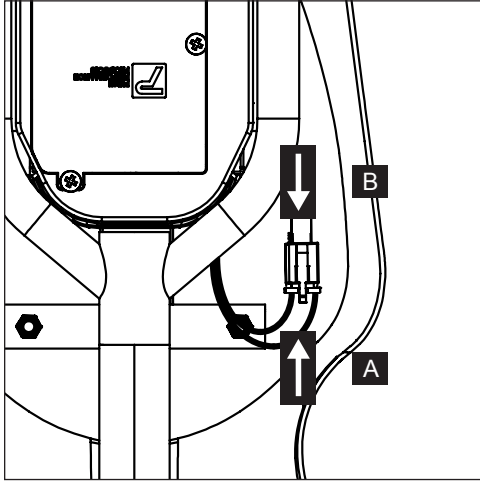
Assembly

Battery and Charging

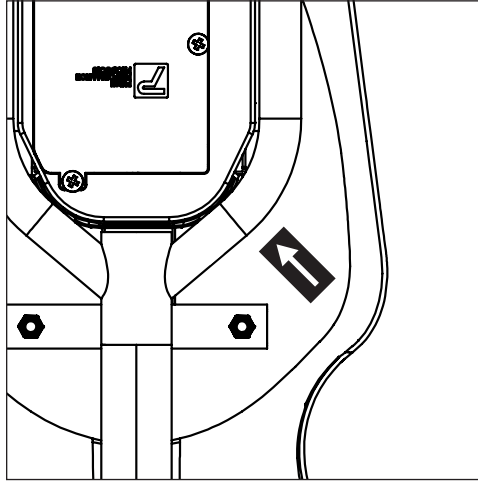
⚠ WARNING: Batteries must be fully charged before you ride your electric scooter.

Required components: Battery charger

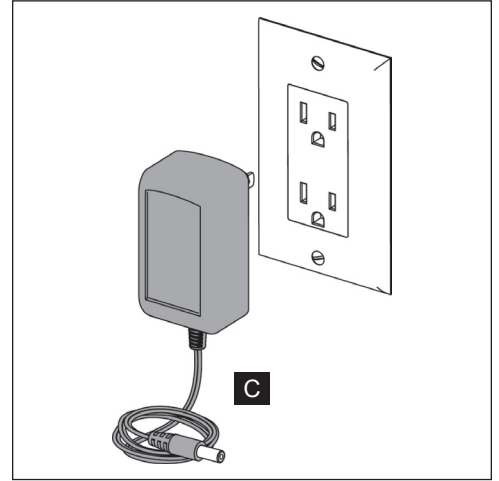
- Initial battery charge time- 10 hours
- Recharges after initial charge- Up to 8 hours
- When scooter is not in regular use batteries need to be charged on a monthly basis to maximize performance.



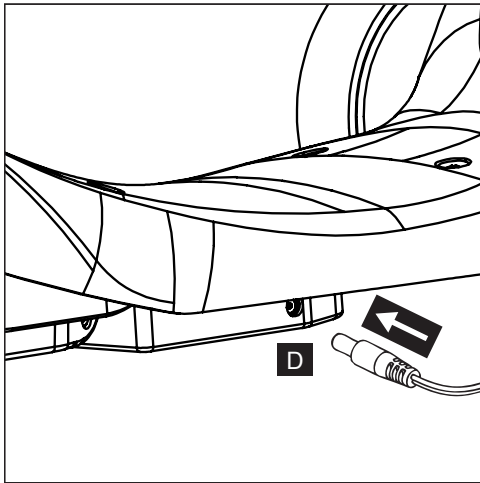
1. To connect battery insert plug A into plug B .



2. Tuck plugs and wires under frame and into battery box.



3. Plug the battery charger (C) into a wall power outlet. The light on the battery charger housing should illuminate.



4. Plug charger into scooter port (D).

A red LED light on the battery charger indicates battery is charging and a green LED light indicates battery is fully charged.

⚠ WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠ WARNING: Do not use this product for the first time until you have charged the battery for at least 10 hours. Failure to follow these instructions may damage your product and void your warranty.

Note: Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C). Note: The charger has a small window with one

LED light that indicates the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indication. Your charger may get warm during use; this is normal and is no cause for concern.

Note: Batteries must be recharged at least once a month even when the scooter is not in use. Failure to do so may result in batteries that will no longer accept a charge.

Before You Ride

Before you ride always check and for the following:

Safety Gear

Always wear proper protective gear such as:

- Approved safety helmet. (Helmet may be legally required by local law or regulation in your area.)
- Elbow pads and knees pads
- Long sleeved shirt, long pants
- Gloves
- Lace up shoes with rubber soles.

Riding

Go Button

Make sure that before Go Button is pressed that you are in an open and safe area to ride, you are balanced on the scooter and have both hands on the handlebar controls. Press Go Button to engage motor, release Go button to stop.

Hardware Maintenance

Frame, Fork and Handlebars

Check for cracks or broken connections. Although broken frames are rare, it is possible for aggressive rider to run into a curb or wall and bend or break a frame. Get in the habit of inspecting your scooter on a regular basis.

Tires


Periodically inspect the wheels for excess wear.

Safety Gear

Always wear proper protective gear such as an approved safety helmet. Elbow pads and knee pads are recommended. Always wear athletic shoes (lace up shoes with rubber soles), never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

Battery

Never store the product in freezing or below freezing temperatures! Freezing will permanently damage the battery.

 **WARNING:** Always ensure that you are in a safe open area to ride before you press the Go Button. Never press the Go Button without being on the scooter in a balanced, ready to ride position with both hands on the handlebars; once the button is pressed the scooter will move.

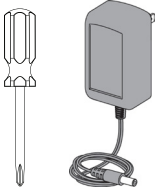
Failure to follow these instructions may damage your scooter and void your warranty.

Repair and Maintenance

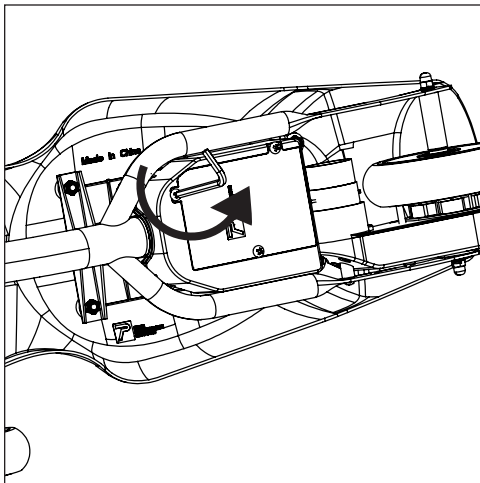
Battery Replacement

! WARNING: Only use battery specified by the manufacturer

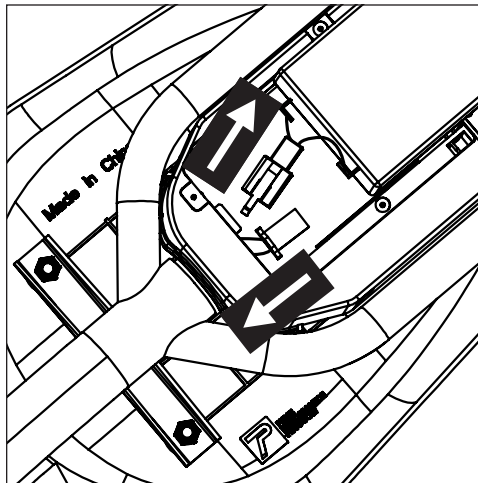
Required tools/components: Philips head screwdriver, Battery charger



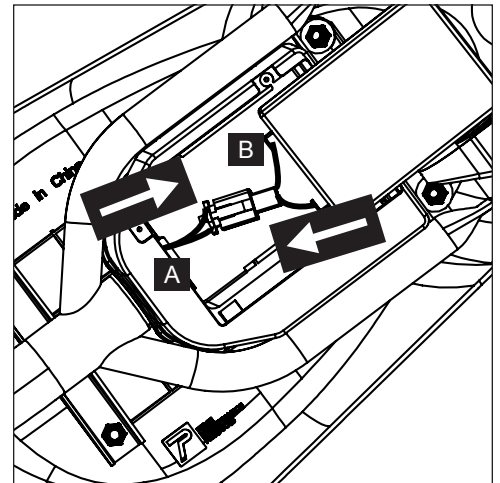
- Initial battery charge time - 10 hours
- Recharges after initial charge - Up to 8 hours
- When scooter is not in regular use batteries need to be charged on a monthly basis to maximize performance.



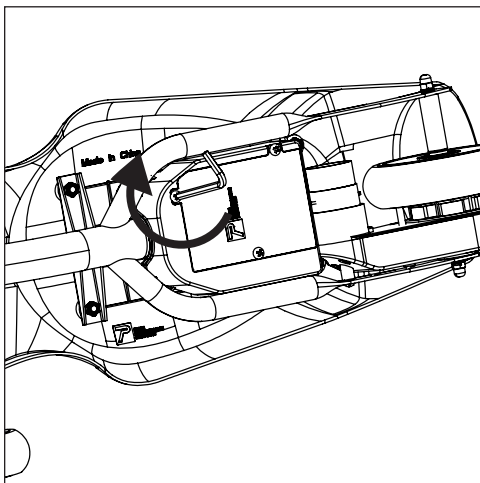
1. Remove the 3 battery door screws with a Philips head screwdriver.



2. Remove old battery from battery box and unplug the wires; see information on page 9 for proper disposal.



3. Connect scooter plug "A" to replacement battery plug "B" and insert wires and battery into battery box.



4. Reinstall battery box door and screws, do not over tighten. Refer to page 6 for Charging the Battery.

! WARNING: Do not use this product for the first time until you have charged the battery for at least 10 hours. Failure to follow these instructions may damage your product and void your warranty.

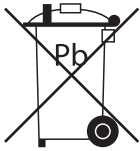
Note: Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C).

Note: The charger has a small window with one LED light that indicates the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indication. Your charger may get warm during use; this is normal and is no cause for concern.

Note: Batteries must be recharged at least once a month even when the scooter is not in use. Failure to do so may result in batteries that will no longer accept a charge.

Battery Care and Disposal

Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C).



THIS SCOOTER CONTAINS SEALED LEAD ACID BATTERIES WHICH MUST BE RECYCLED IN ACCORDANCE TO YOUR LOCAL AND STATE LAWS. PLEASE CAREFULLY READ AND UNDERSTAND THE FOLLOWING DISPOSAL INSTRUCTIONS:

Disposal: This product contains sealed lead acid batteries which must be disposed or recycled in an environmentally safe manner. Do not dispose of the batteries in your household trash. Do not dispose of the batteries in a fire, this could cause the batteries to leak or explode. The incineration, disposal in landfill and or placing sealed lead acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a state or federal approved lead acid battery recycler or check with your local retailer of vehicle batteries.

⚠ WARNING: Make sure to wash your hands after handling batteries as they contain lead compounds.

⚠ WARNING: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C).

Battery Charger

Only use the supplied battery charger. If battery charger is damaged discontinue use immediately and replace with a Pulse Performance Products™ electric scooter recommended battery charger.

Wheels

Wheels and drive system components are subject to normal wear and tear. It is the responsibility of the user to regularly inspect wheels for excess wear and adjust and replace drive train components as required.

Replacement Parts

Most of the common replacement parts are available for purchase on line at www.pulsescooters.com.

Repair Help

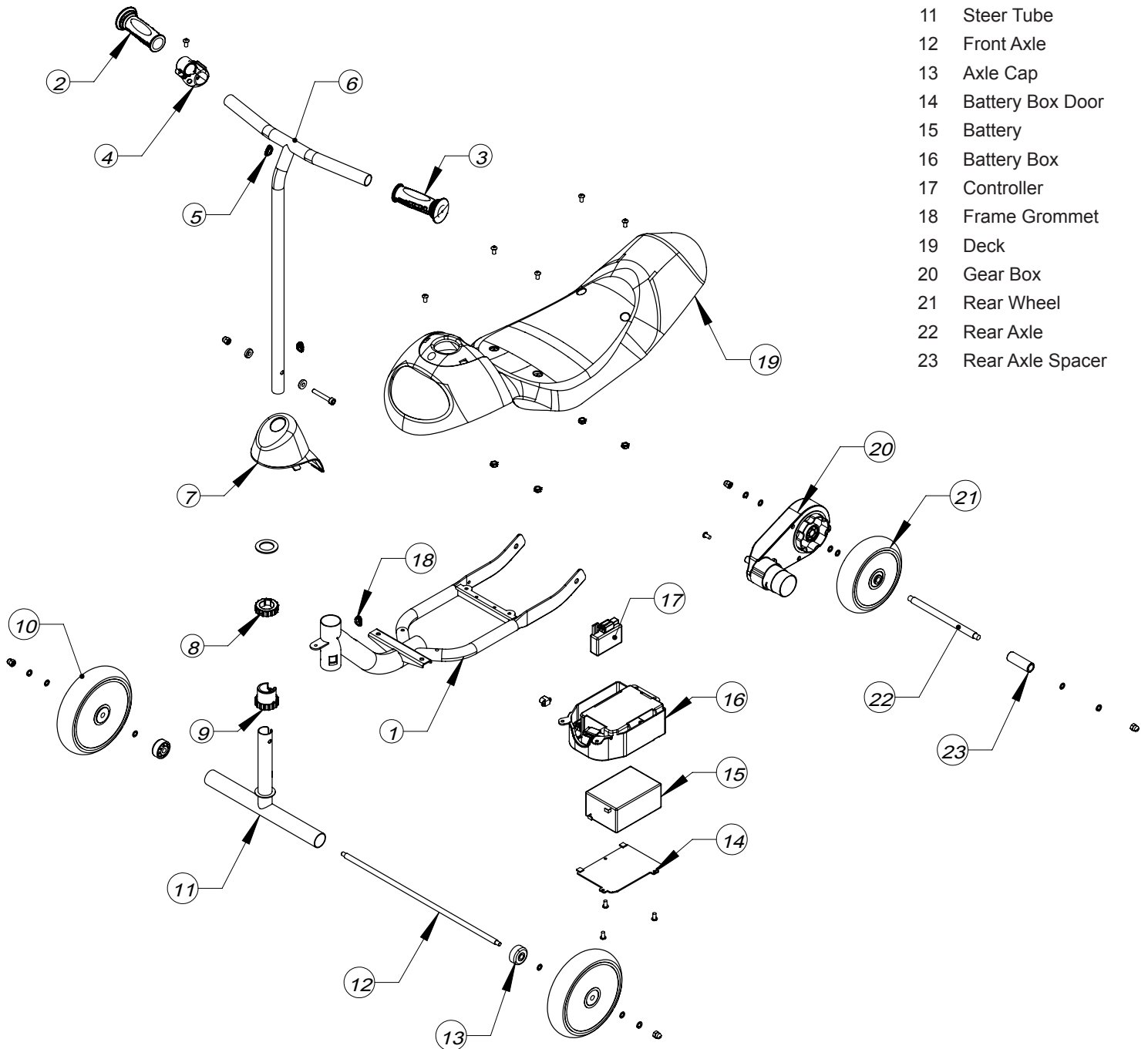
- Check online at www.pulsescooters.com.
- Call (866) 434-6067 to speak with a customer service representative

Troubleshooting

Problem	Possible Cause	Solution
Scooter will not run.	Battery is not charged.	Fully charge the battery. First charge should be 10 hours and up to 8 hours for recharges.
	Wires or connectors are loose or unplugged.	Check to ensure that charger is tightly plugged into both the wall and the scooter. Check all scooter plugs and connections are correctly attached.
Scooter run time is short.	Battery requires charging.	Fully charge the battery. First charge should be 10 hours and up to 8 hours for recharges. Check to ensure that battery charger is tightly plugged into both the wall and the scooter.
	Battery will not accept full charge.	Make sure power flow to the wall outlet is on. Battery may need to be replaced. Even with proper care, rechargeable batteries do not last forever. The average rechargeable battery life is 1 to 2 years depending on scooter conditions and use. Replace only with Pulse Performance Products replacement batteries.
Scooter suddenly stops working.	Loose plug or wire.	Check all wires and connectors to make sure they are connected and tight.
Scooter runs sluggishly.	Scooter is overloaded.	Make sure you do not overload the scooter by exceeding the 50 lbs. (22 kg.) maximum weight limit, going up steep inclines or towing objects behind the scooter. Avoid overloading the scooter as this will prematurely wear out the batteries and components.
	Unsuitable riding conditions.	Ride only on solid, flat, clean and dry surfaces such as pavement or level ground.
	Thermal Fuse activated.	The Thermal Fuse will automatically activate via a power reduction when the motor is overloaded. An excessive overload (steep incline or too heavy of a rider) could have caused the motor to overheat and activated the Thermal Fuse. Scooter may run sluggishly but will return to full power after a few moments.

Scooter Components

part	description
1	Frame
2	Right Grip
3	Left Grip
4	Go Button
5	Stem Tube Grommet
6	Handlebar Stem Tube
7	Deck Cap </td
8	Frame Upper Cap
9	Frame Lower Cap
10	Front Wheel
11	Steer Tube
12	Front Axle
13	Axle Cap
14	Battery Box Door
15	Battery
16	Battery Box
17	Controller
18	Frame Grommet
19	Deck
20	Gear Box
21	Rear Wheel
22	Rear Axle
23	Rear Axle Spacer



Warranty

Pulse Performance Products™ Limited Warranty

The manufacturer warrants this product to be free of manufacturing defects for a period of 90 days from the date of purchase. This Limited Warranty does not cover normal wear and tear, tires, cables, or any damage, failure or loss caused by improper assembly, maintenance, storage or use of this Pulse Performance Products™ electric scooter.

This Limited Warranty will be void if the product is ever

- used in a manner other than for recreation or transportation
- modified in any way
- used as a rental

The manufacturer is not liable for incidental or consequential loss or damage due directly or indirectly to the use of this product.

Pulse Performance Products™ does not offer an extended warranty. If you have purchased an extended warranty, it must be honored by the store at which the scooter was purchased from.

For your records, keep your original sales receipt with this manual.

SB 1918 (CALIFORNIA) DECLARATION

YOUR INSURANCE POLICIES MAY NOT PROVIDE ANY COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS SCOOTER. TO DETERMINE IF ANY COVERAGE IS PROVIDED CONTACT YOUR INSURANCE COMPANY OR INSURANCE AGENT.



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PRODUCTS**



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